



PHASICS
The phase control company

SID4 sC8

HIGH RESOLUTION sCMOS QUANTITATIVE PHASE IMAGING CAMERA

Designed for life science and material inspection microscopes, SID4 sC8 brings fast, accurate and truly quantitative phase measurement in a compact, plug-and-play solution.

Biologists will benefit from label-free cell imaging, high sensitivity and automatic segmentation, while material scientists will have access to accurate refractive index measurement, laser damage analysis and surface characterization.

APPLICATIONS: Life science | Material inspection | Thermal imaging

KEY FEATURES



sCMOS sensor



Plug & Play



Compact



Compatible with
fluorescence imaging



Single shot phase and
intensity measurement



Compatible with any
illumination / objective

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SCMOS HIGH RESOLUTION CAMERA

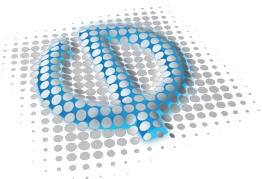
ADVANTAGES

- 1 Compatible with acquisition software: Metamorph, Micromanager, NIS-Elements...
- 2 Magnification from x2.5 to x150
- 3 Imaging at any wavelength

SPECIFICATIONS

Sensor Technology	sCMOS
Wavelength range	400-1050 nm
Aperture dimensions	16.64 x 14.04 mm ²
Phase spatial resolution	19.5 μ m
Phase & Intensity sampling	852 x 720
Resolution (Phase)	<2 nm RMS
Frame rate	40 fps
Real-time processing frequency*	Up to 10 Hz (full resolution)
Connection	USB 3.0
Dimensions	82 x 89 x 145 mm ³
Weight	~ 1100 g

* Obtained using PHAST software on provided computer



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